

Converting Colors

$Yxy(64.1975, 0.2751, 0.2870)$

Have a look what the booklet for
Yxy(64.1975, 0.2751, 0.2870)
contains.

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Color

Yxy(64.4422, 0.2754, 0.2875)

Conversions

Conversions Part 1

Format	Color
Hex	BFD3F8
RGB	191, 211, 248
RGB Percent	75%, 83%, 97%
CMY	0.2508, 0.1726, 0.0275
CMYK	0.23, 0.15, 0.00, 0.03
HSL	219°, 80%, 86%
HSV	219°, 23%, 97%
XYZ	61.7300, 64.4422, 97.9746
YIQ	209.2380, -23.7970, 7.2670

Conversions

Conversions Part 2

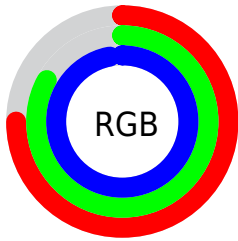
Format	Color
R_{YB}	191, 206, 248
Decimal	12571640
CIE Lab	84.20, 1.12, -20.33
CIE LCh	84, 20.365, 273.165
Yxy	64.4422, 0.2754, 0.2875
Android (android.graphics.Color)	4290761720 (0xFFBFD3F8)
YUV	209.2380, 19.1097, -15.9947
Hunter-Lab	80.2759, -3.2211, -16.1687

Details

The Yxy color **64.4422, 0.2754, 0.2875** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.2247, 0.3517, 0.3673**, and the grayscale version is **63.8146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **33.2381, 0.2663, 0.2776** is the 20% darker color. If you saturate the color by 10%, you get **53.8882, 0.2578, 0.2661**, and if you desaturate by 10%, it is **76.3481, 0.2923, 0.3069**.

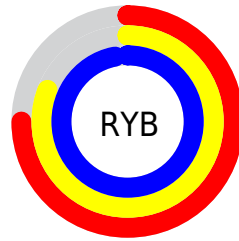
Distribution



Red (75%)

Green (83%)

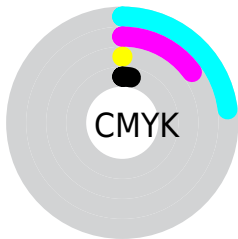
Blue (97%)



Red (75%)

Yellow (81%)

Blue (97%)

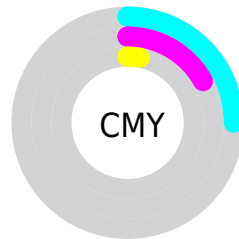


Cyan (23%)

Magenta (15%)

Yellow (0%)

Black (3%)



Cyan (25%)

Magenta (17%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.4422, 0.2754, 0.2875 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 64.4422, 0.2754, 0.2875 by changing the saturation by 10% instead.

■ 64.4422, 0.2754,
0.2875

■ 64.4422, 0.2754,
0.2875

■ 440.7848, 0.2929,
0.3069

■ 47.0089, 0.2714,
0.2830

■ 111.2475, 0.2815,
0.2942

■ 33.0427, 0.2664,
0.2775

■ 141.3884, 0.2839,
0.2969

■ 22.1592, 0.2600,
0.2706

■ 176.5339, 0.2859,
0.2991

■ 13.9739, 0.2517,
0.2614

■ 217.0684, 0.2877,
0.3011

■ 8.1025, 0.2404,
0.2490

■ 263.3763, 0.2892,
0.3028

■ 4.1606, 0.2241,
0.2312

■ 315.8421, 0.2906,

■ 1.7638, 0.1989,

0.3043

0.2040

374.8501, 0.2918,
0.3057

0.4645, 0.1458,
0.1444

0.0000, 0.0000,
0.0000

64.4422, 0.2754,
0.2875

64.4422, 0.2754,
0.2875

53.8882, 0.2578,
0.2661

76.3481, 0.2923,
0.3069

44.6275, 0.2398,
0.2428

89.6460, 0.3082,
0.3243

36.6082, 0.2221,
0.2182

99.5561, 0.3168,
0.3357

29.7715, 0.2054,
0.1929

■ 24.0534, 0.1904,
0.1678

■ 19.3822, 0.1780,
0.1440

■ 15.6752, 0.1686,
0.1225

■ 13.5708, 0.1637,
0.1092

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.4422, 0.2651, 0.2975



64.4422, 0.2754, 0.2875



64.4422, 0.2957, 0.2882

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.4422, 0.2754, 0.2875



64.4422, 0.3608, 0.3380



64.4422, 0.3028, 0.3624

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.4422, 0.2754, 0.2875



79.2247, 0.3517, 0.3673

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.4422, 0.3284, 0.3737



64.4422, 0.2754, 0.2875



64.4422, 0.3626, 0.3581

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.4422, 0.2754, 0.2875



64.4422, 0.3454, 0.3166



64.4422, 0.3505, 0.3716



64.4422, 0.2804, 0.3410

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.4422, 0.2754, 0.2875



64.4422, 0.3125, 0.2942



64.4422, 0.3505, 0.3716



64.4422, 0.3113, 0.3675

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.4448, 0.2754, 0.2875



89.5929, 0.3019, 0.3175



83.7575, 0.2897, 0.3520



18.9920, 0.3009, 0.3164



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.4448, 0.2754, 0.2875



62.7714, 0.2665, 0.2768



56.1539, 0.2789, 0.2652



17.6375, 0.2979, 0.3131



7.5693, 0.1645, 0.1121



0.8917, 0.1710, 0.1357

Inverse Universe

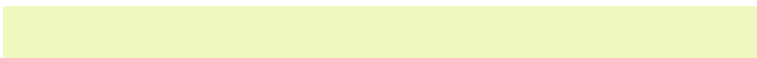
The Inverse Universe completely reimagines the original color for something new.



61.9402, 0.3438, 0.3082



59.9592, 0.3529, 0.3033



89.4798, 0.3422, 0.3875



17.3256, 0.3239, 0.3207



11.1750, 0.5580, 0.2847



1.0542, 0.5249, 0.2665

Previews

White Background



This preview shows how the Yxy color 64.4422, 0.2754, 0.2875 looks on a white background.

Color Contrast Check

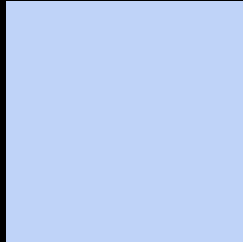
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 64.4422, 0.2754, 0.2875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

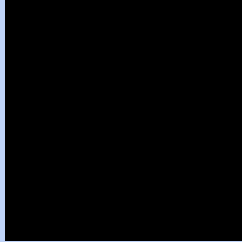
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

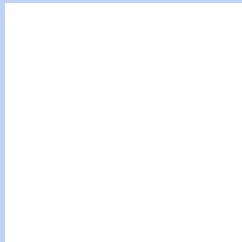
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.4422, 0.2754, 0.2875

Background



This preview shows how black text looks on a background with the Yxy color 64.4422, 0.2754, 0.2875.



This preview shows how white text looks on a background with the Yxy color 64.4422, 0.2754, 0.2875.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

64.4422, 0.2754, 0.2875

Protanopia

64.3221, 0.2835, 0.2870

Deuteranopia

64.3511, 0.2877, 0.2814



Tritanopia

64.5540, 0.2837, 0.3093

Trichromacy



Original Color

64.4422, 0.2754, 0.2875

Protanomaly

64.3221, 0.2803, 0.2868

Deuteranomaly

64.3026, 0.2830, 0.2829

Tritanomaly

64.5217, 0.2807, 0.3015

Monochromacy



Original Color

64.4422, 0.2754, 0.2875

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.9775, 0.2982, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4422, 0.2754, 0.2875 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(191, 211, 248)` looks like.

```
.text, #text, p{  
    color:rgb(191, 211, 248)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(191, 211, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 211, 248) }
```

Border

The CSS property to change the border of an element to Yxy 64.4422, 0.2754, 0.2875 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 211, 248) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(191, 211, 248) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(191, 211, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 211, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 211, 248);  
box-shadow:4px 4px 4px 4px rgb(191, 211,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4422, 0.2754, 0.2875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 211, 248) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(191,  
211, 248) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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